



PATENT
TUC920030108US1
0022.0054

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:) Examiner: Not Yet Assigned
G.A. Spear et al.)
Serial No.: 10/676,852)
Filed: September 29, 2003) Art Unit: 2186ed
For: METHOD, SYSTEM, AND)
PROGRAM FOR FORMING A)
CONSISTENCY GROUP)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

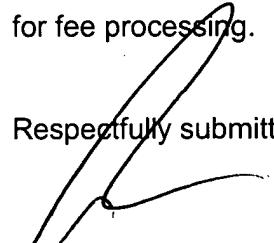
TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

Dear Sirs:

In accordance with 37 CFR §§ 1.56, 1.97, and 1.98, enclosed please find Form PTO-1449 listing the attached references which might be deemed material to the examination of the above-identified application. Applicants submit that no fee is needed nor should be charged with the submittal of this Information Disclosure Statement (IDS) because this IDS is being submitted under 1.97(b) in that the IDS is being filed before the mailing date of a first Office Action on the merits or within three months of the filing date of a national application other than a continued prosecution application under 1.53(d). Applicants submit that a first Office Action has not been received in the above referenced case.

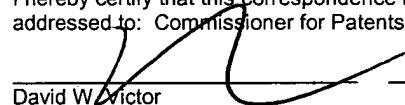
Nonetheless, should any fee be deemed necessary, please charge any insufficiency or credit any overpayment to Deposit Account No. 09-0449. A duplicate of this letter is enclosed for fee processing.

Respectfully submitted,


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Dated: April 22, 2004

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on April 22, 2004.


David W. Victor

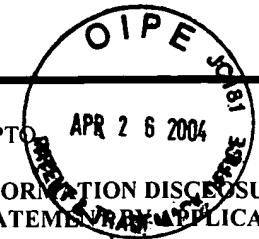
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Form 1449/PTO O I P E INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) APR 26 2004 SEARCHED INDEXED 1 of 2			<i>Complete if Known</i>	
			Application Number	10/676,852
			Filing Date	September 29, 2003
			First Named Inventor	G.A. Spear et al.
			Art Unit	2186
			Examiner Name	Not Yet Assigned
			Attorney Docket Number	TUC920030108US1

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number- Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-5657440	08-12-1997	Micka et al.	
		US-5720029	02-17-1998	Kern et al.	
		US-6105078	08-15-2000	Crockett et al.	
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		US-6157991	12-05-2000	Arnon	
		US-6446176 B1	09-03-2002	West et al.	
		US-6502205 B1	12-31-2002	Yanai et al.	
		US-2002/0194015 A1	12-19-2002	Gordon et al.	
		US-5577222	11-19-1996	Micka et al.	
		US-5615329	03-25-1997	Micka et al.	
		US-5504861	04-02-1996	Jaworski et al.	
		US-5734818	03-31-1998	McBride et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials	Cite No.	Foreign Patent Document Country Code- Number- Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		JP2001209565A	08-01-2001	Hitachi LTD	Abstract
		JP2002334002A	11-22-2002	Motoyama Atsushi	Abstract
		WO03028321A1	04-03-2003	Franz-Josef Goetz, et al.	Abstract

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T
		U.S. Patent application entitled "Method, System, and Program for Asynchronous Copy", serial number 10/675,317, filed September 29, 2003, by inventors R.F. Bartfai et al.			
		U.S. Patent application entitled "Autonomic Infrastructure Enablement for Point in Time Copy Consistency Groups", serial number 10/674,900, filed September 29, 2003, by inventors R.F. Bartai et al.			
		A. Z. Spector et al., "Performing Remote Operations Efficiently on a Local Computer Network", ACM, 1982, pp 246-260			
		IBM Corp., "Integration of Persistent Memory Data into Real-Time Asynchronous Direct Access Storage Device Remote Copy", Technical Disclosure Bulletin, Vol. 39, No. 10, October 1996, pp 187-189			
		IBM Corp., "Automatic TV Picture Pop-Up Based on Closed Caption Keyword Match", Research Disclosure document 455173, March 2002, p 532			



Form 1449/PTO

APR 26 2004

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(use as many sheets as necessary)*Complete if Known*

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Art Unit	2186
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	A. Bhide, "Experiences with Two High Availability Designs", IEEE, Second Workshop on the Management of Replicated Data (Cat. No. 92th0489-5), Nov 1992, abstract	
	J.M. Helary, "Computing Global Functions in Asynchronous Distributed Systems Prone to Crashes", Proceedings 20 th IEEE International Conference on Distributed Computing Systems, 2000, abstract	
	G. Castets, et al., "IBM TotalStorage Enterprise Storage Server PPRC Extended Distance", IBM Corp. International Technical Support Organization, Document No. SG24-6568-00, June 2002	

Examiner Signature	Date Considered
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.